

A

1 TGAAATATAGGTGAGAGACAAGATTGTCTCATATCCGGGGAAATCATAACCTATGACTAG  
61 GACGGGAAGAGGAAGCACTGCCTTTACTTCAGTGGGAATCTCGGCCTCAGCCTGCAAGCC  
121 AAGTGTTCACAGTGAAGAAAAGCAAGAGAATAAGCTAATACTCCTGTCTGAACAAGGCAG  
181 CGGCTCCTTGGTAAAGCTACTCCTTGATCGATCCTTTGCACCGGATTGTTCAAAGTGGAC  
241 CCCAGGGGAGAAGTCGGAGCAAAGAAGCTTACCACCAAGCAGTCCAAGAGGCCAGAGCA  
301 AACCTGGAGGTGAGACCCAAAGAAAGCTGGAACCATGCTGACTTTGTACACTGTGAGGAC  
L E V R P K E S W N H A D F V H C E D 19  
361 ACAGAGTCTGTCTCCTGGAAAGCCAGTGTCAACGCAGATGAGGAAGTCGGAGGTCCCCAA  
T E S V P G K P S V N A D E E V G G P Q 39  
421 ATCTGCCGTGTATGTGGGGACAAGGCCACTGGCTATCACTTCAATGTCATGACATGTGAA  
I C R V C G D K A T G Y H F N V M T C E 59  
481 GGTCAAGGGCTTTTTCAGGAGGGCCATGAAACGCACGCCCGGCTGAGGTGCCCTTC  
G C K G F F R R A M K R N A R L R C P F 79  
541 CGGAAGGGCGCTGCGAGATCACC CGGAAGACCCGGCGACAGTGCAGGCTGCGCGCTG  
R K G A C E I T R K T R R Q C Q A C P L 99  
601 CGCAAGTGCCTGGAGCGCCATGAAGAAGGACATGATCATGTCCGAGGAGGCGGTGGAG  
R K C L E S G M K K E M I M S D E A V E 119  
661 GAGAGCGGGGCTTGTATCAAGCGGAAGAAAAGTGAACGGACAGGACTCAGGCACTGGA  
E R R A L I K P K K S E R T G T Q P L G 139  
721 GTGAGGGGCTGAGAGAGGAGGAGGAGTGTATGATCAGGAGGCTGATGAGGAGGCTGAG  
V Q G L T E E Q P M M I R E L M D A Q M 159  
781 AAAAGCTTTGAGACTAGCTTTTCCATTTCAAGAATTTCCGCTGCTGAGGCTTTTAA  
K T F D T T F S H F K N F F L P I V I I 179  
841 AGTGGCTTTGAATTTGCAAGCTTTGTCAGGCGGCTATGAGGAAAGAGGCTTTAA  
S H T E L P E S L V A P S P E E A A F W 199  
901 AGGAGGCTTTGAAGATTTGTCTTTTGAAGGTCTTTGTCAGGCTTTGAGGCTTTAA  
S Q Y P F D L F S L K V S L Q L F G E D 219  
961 GTTGGTGTGAGGAGTGAAGAACTTCCAGGCGACAGTGGCGGGAAGAAATTTTATTTT  
G S S W N Y K P P A D S G G K E I F R L 239  
1021 GTGGGAGGAGTGTGAGAGTGTGAAGCTACATGTTCAAGGCGATGATGAGTGTGAGAA  
L P H M A D M S T Y M F K G I I S F A F 259  
1081 GTGATCTCTACTTCCAGGAGCTTCCGCGATCGAGGACCAGATCTTCTCTGAGAA  
V I S Y F P D L P I E D Q I S L L F G A 279  
1141 GTTGTGAGTGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGT  
A F E L C Q L P F N T V F N A E I G T W 299  
1201 GAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGT  
E C G R L S Y C L E D T A G G F Q Q L L 319  
1261 GTGAGGAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGT  
L E P M L K F H Y M L K K L Q L H E E E 339  
1321 TATGTGAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGT  
Y V L M Q A I S L F S P D R P G V L Q H 359  
1381 CGGCTGTGAGGAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGT  
P V V D Q L Q E Q F A I T L K S Y I E C 379  
1441 AATGCGGCTGAGGAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGT  
N P P Q P A H R F L F L K I M A M L T E 399  
1501 GTGAGGAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGT  
L P S I N A Q H T Q R L L R I Q D I H P 419  
1561 TTTGTACGCGCTTGTGAGGAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGT  
F A T P L M Q E L F G I T G S \* 439  
1621 GTGAGGAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGT  
1681 AGACAGATGGACACTGCCAAGAGCGGACAATGCCCTGCTGGCCTGTCTCCTAGGGAATT  
1741 CCGCTATGACAGCTGCTAGCATTCCTCAGGAAGGACATGGGTGCGGCGAGGCTGAGT  
1801 TCACTCTTAGGGAGTGAAGCCACAGACTCTTACGTCGAGAGTGAAGTGAAGCTTAGGTC  
1861 AGGAGCATCAGAGAGGCAAGGTTGCCCTTTCCCTTTTAAAGGCGCTTTGCTCTGAGGAG  
1921 AATCCTTCAAGTGAAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGT  
1981 CCATCTGAGGAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGT  
2041 ACTCTAATAAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGTGAGGAGTGT  
2101 TGGGCTTCAAGGCTTGTACTGATGGGAGGTGATGAGTATCTGTGG

Figure 1A

**B**

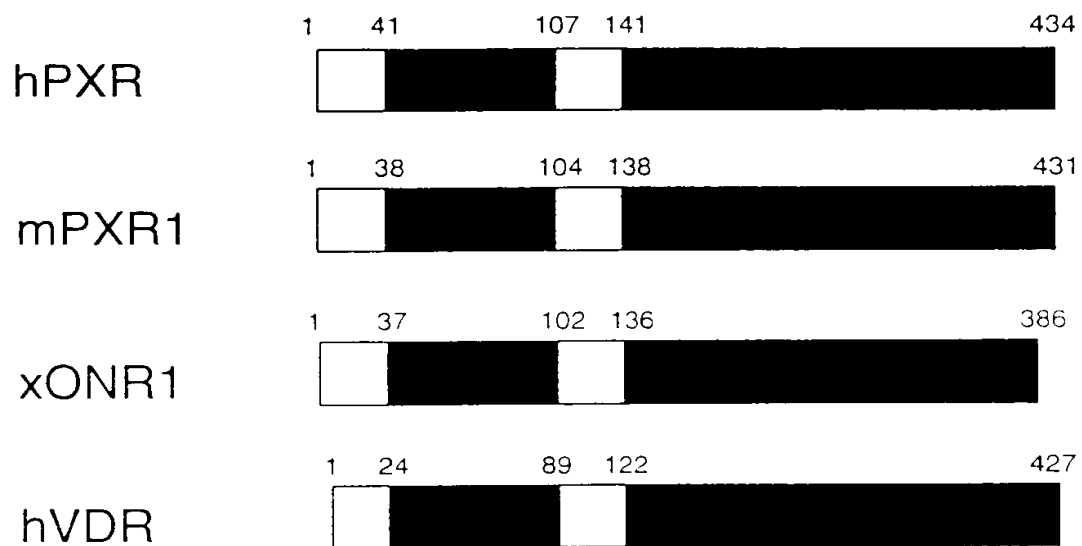


Figure 1B

**C**

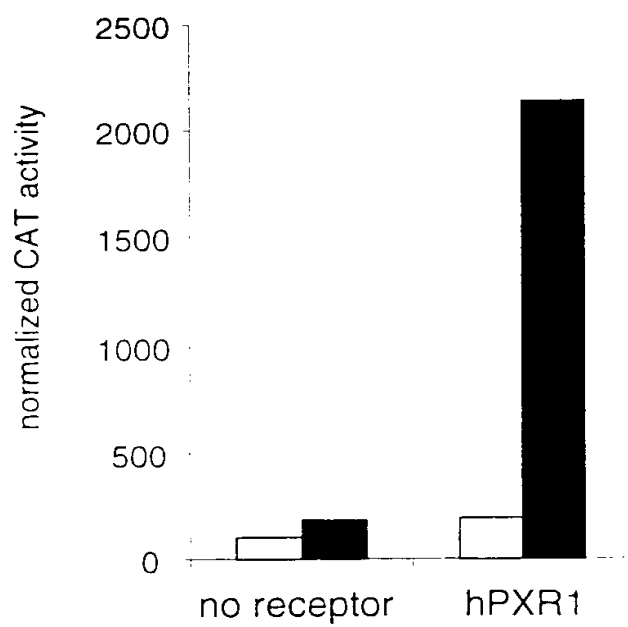


Figure 1C

**D**

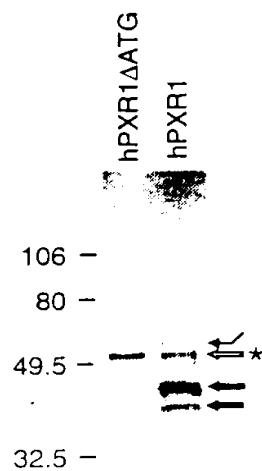


Figure 1D

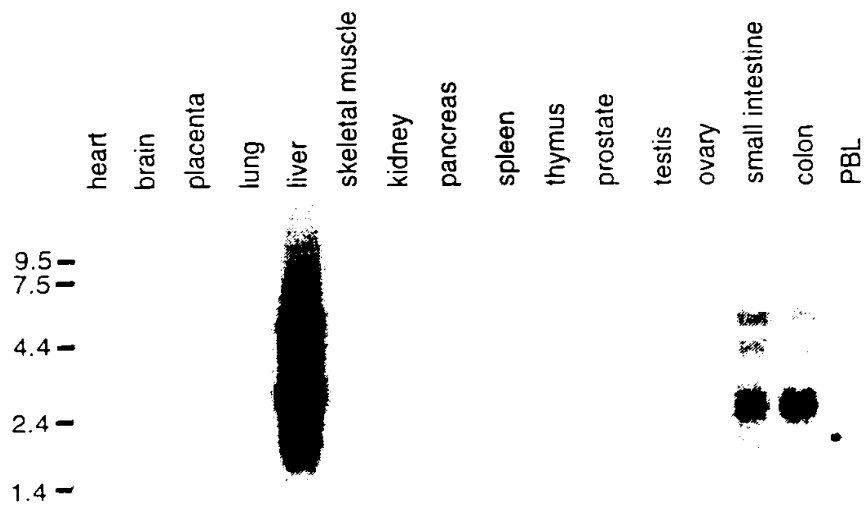


Figure 2

**A**

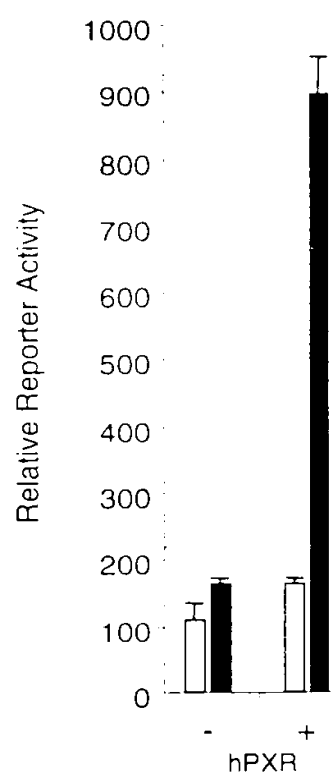
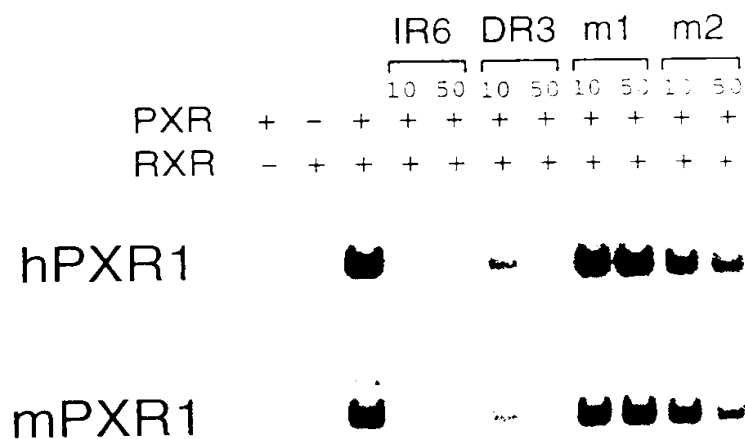


Figure 3A

**B**

CYP3A4 IR6	ata	<b>TGAACT</b>	caaagg	<b>AGGTCA</b>	gtg
		<-----		----->	
CYP3A4 IR6 m1	ata	<b>TGTTCT</b>	caaagg	<b>AGAACA</b>	gtg
		<-xx--		--xx->	
CYP3A4 IR6 m2	ata	<b>ACAACT</b>	caaagg	<b>AGGTCA</b>	gtg
		xx----		----->	
CYP3A1 DR3	aga	<b>TGAACT</b>	tca	<b>TGAACT</b>	gtc
		<-----		<-----	

**C**



Figures 3B and 3C

**A**

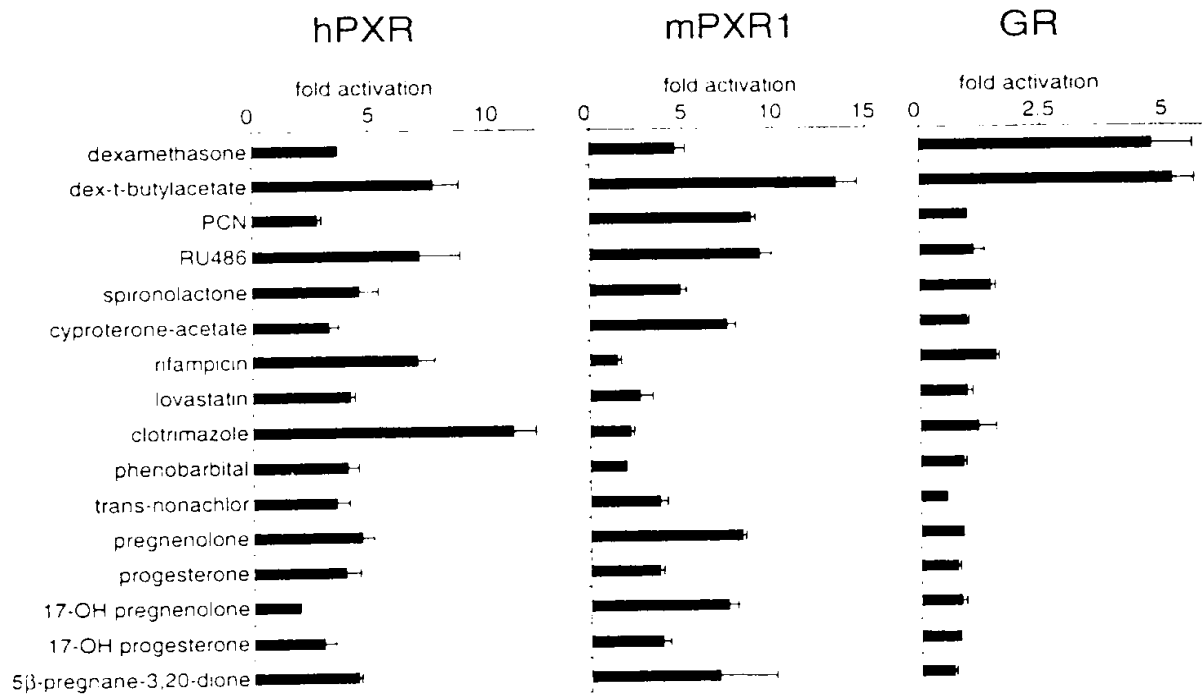


Figure 4A



**B**

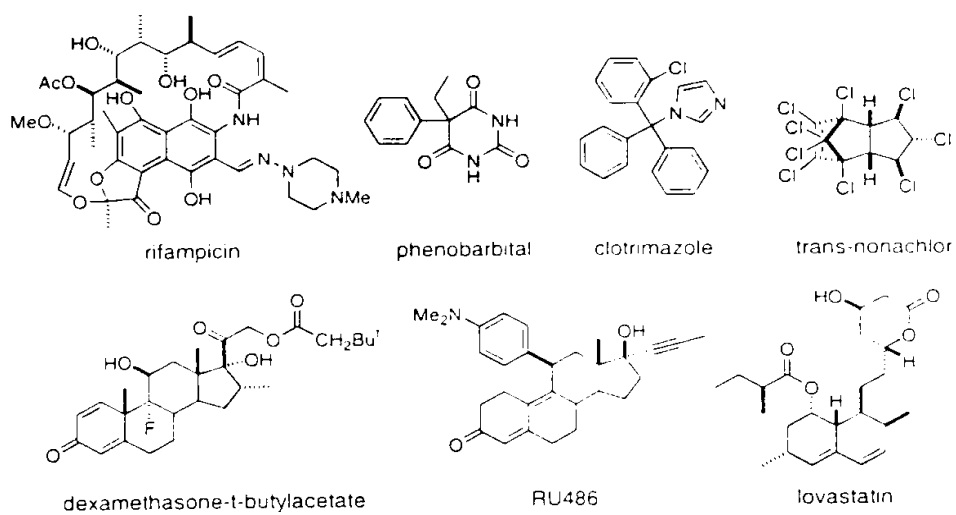


Figure 4B

C

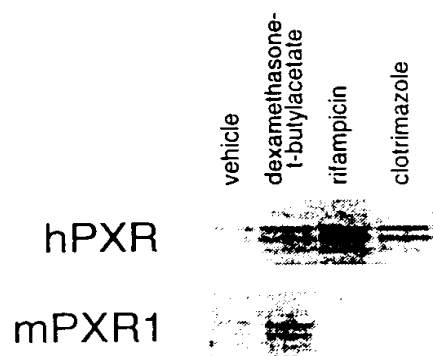


Figure 4C

The Preparation of [<sup>3</sup>H]GW-485801

Figure 5

1. REACTION SCHEME

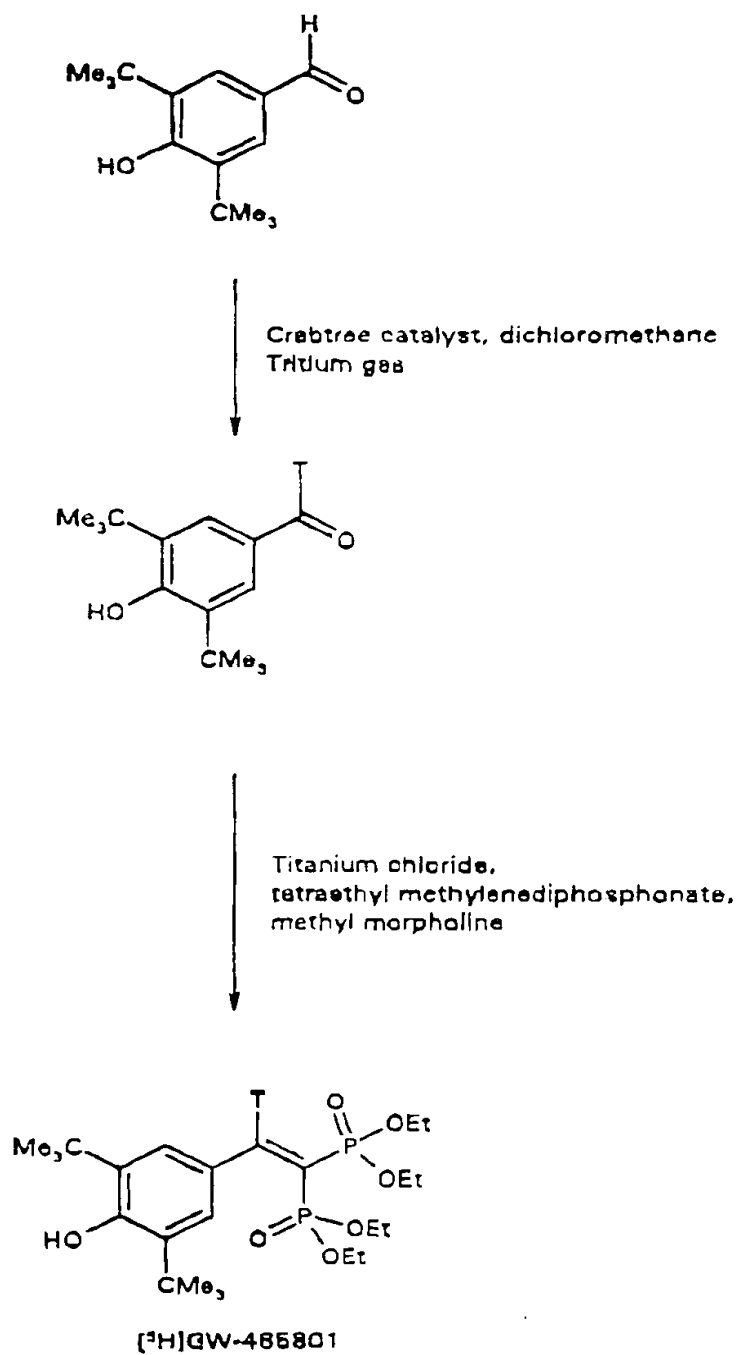


Figure 6

$K_d = 370 \text{ nM}$

